Oil. Fluid

from New- York; io. 1, CANADA FIOUR from Boston do do

WHITECEK. 14.1851 - 31

RT. LLOTTE. state of Daniel Cunhe Parish of Saint

ty of Charlotte, deend singular sie ingham decease it both this car that said I state, and bath ters Fld Lext of Kin y as pear and afferd

mance o the said salerelere lerely gr on al Tuents intere, and they are Lereore ne at a Court of the Office of the Lie Saint Aidreus, in rlotte, on Fatorday PRIL Lext, at the moon, to stierd the ofthe Access of

hand and the Scal of This tenth day of II. HATCH.

Surr, Judge. IENSTBANK, s; replinter 1, 1852.

th jet cent. will I ecome D. UPICN, Cashier ASHICK.

ASSEMBLY e adepted as S reding . \* of a privite nature. yor refiel, shall be refay printed espate al Gizete, and ivo

frees to Trackers of alade prices still Ang lietne retoriff. cler, was not consided leordining wire and war net ein gelled to

Courts where News.

P. WITMORE Clark

IS &c. I BALSON.

which are Zante CURRANTS. NUT, CONFECTIONS, meis CANADA-FLOUR, H GEOUND ditte.

ed a fresh supply of

AY." lying at the market d BUTTER, from 201bs.

general assortment of Gr December 24.

OR SALE. 50 Acres of Land, situand Ridge, so called, in flotte, Leing Let No. 13 For naticulars and a

apply atte office chile WILLIAM KER,

n from London, tie St

Martell" Brandy, Rosterdam Geneva der Polard Sparch, Martin's Japan Black

r the Grace from Liver PORT WINE. d Jamaica Rem, Port Wire. est Cognee BE ANDY Mariell " Perries Vine Brands Sherry.

The Lianvard, PUBLISHED EVERY WEDNESDAY, BY A. W. Smith.

At his Office, Water Street, Saint Andrews, N. B TERMS.

12s 61 per annum-if paid in advance. 15s, if not paid until the cold of the year. ADVERTISEMENTS laserted according to written orders, or till forbid, if no written direction

First Insertion of 12 lines and unde 2. 2. Each repetition of Dato
First insertion of all over 12 lines 3d per line Each repetition of Ditto del per line
Advertising by the year as may be agreed on

The Fires and Bottoms of the Cylinders An Account of the Caloric ship Eriesson, The bottom of the cylinders is a convex urface above and formed in such a manner by a French Engineer. surface above and formed in such a mained as to be exactly inclosed in the piston when I bescends. This bottom is an such and a-hai in thickness, and is heated by means of the fire of anthracite or coke, placed five feet, low

The Caloric ship Ericson left the bay on Monday, for the second time, wi b about fifty invited guests on bear!, principally persons connected with the press. Having left from the lost of Castle Garden at half past nine.

A. M., she passed to the outside of Fort Hamilton, and returned to the anchor, near the Battery, towards one p'clock. Leaving aside the customary speeches and resolutions, we will attempt to explain the workings of the machine, without, at the same time, expecting to attain that degree of furifity with which Cap'. Briesson explained it to his guests, with States. This part of the apparatus immense pistons. The great principle which serves as its which has been first invented, and has since

The great principle, which serves as its account of the return given the least embarrássment to the inventor of the caloric, has demanded from the inventor twenty years' reflections to be embodied metallic nets, placed parallel to each other, in ed. tor twenty years' reflections to be embodied in a machine. It consists in a along himself constantly of the same heat to heat the lack of the nets contain, therefore, twenty fair which is introduced into the cylinders.

The instrument by means of which this prince each cylinder, that is, almost 20 000 square ciple is applied is called a regenerator, and a clear idea of it may be had by supposing a lahundred million; the threads of the nets man with his mouth filled by a low metallic are about the sixteepth of an inch in diamester. pronge. If he draw hreath, the outer air, in traversing the pores of the warm sponge, will be licated, and will arrive in the lungs warm, six which has been found the most advantawhits the sponge, having yielded its caloric, will become cold. If he make a respiration of this hot air, it, in passing again through the sponge, will heat the latter, and will are the air is elevated in the interior of the cylinder sponge. Will heat the latter, and will are the air is elevated in the interior of the cylinder. of the individual producing these mosemens volume it would be necessary that it should by the contractions of the indices of his attain to 450 deg.; but this degree of tembreast, a common believes be fitted to his perature would cause inconveniences which mouth to produce the action of breathing and it is desirable to avoid. When the air, after

respiring, we have almost Ericsson's machine.

This machine is composed of two vertical cylinders, one piaced over the other. The lawer one is the working cylinder—the upper one is a parily, which compresses the nir into a teservoir placed over it. This reservoir end the cylinder are united by a tube which casses through the regenerator, and is provided with ordinary valves to open or close the communication. Under the cylinder there is a fire-place.

It is desirable to avoid. When the air, after having done the work-assigned to it in the machine, is expelled from the vessel, its heat only 30 deg. greater than the cuter temperature. When the machine gives fifteen strokes per minute, the quantity of air used to the machine gives fifteen and the cylinder are united by a tube which passes through the regenerator, and is provided with ordinary valves to open or close the communication. Under the cylinder there is a fire-place.

The fire being lighted, the first operation for setting the machine to work, is by an outter means to compress the air into a reservoir.
That done, the communication with the cylimder is opened—the nir being precipitated into it, driving the piston upward; and as this piston is connected by fron trucks with that of the pump, the latter immediately compresses into the reservoir the quantity of air which has left it. The surface of the mover heing almost double its volume in conserving its pressure. Half of the force contained in this compressed air is employed by the pump to compress cold nir; the other halt constitutes the power of the machine.

When the power of the machine.

when the piston reaches the top of its course the valves are worked in such a manner, as to close the reservor, of cold air, and to let the half air escape from the cylinder through the representation. This air is cooled in the best over the ordinary pressure.

The other parts of the new machine pressure, the representation of two to three, the valves are worked in such a manner, as to close the reservor, of cold air, and to let the half air escape from the cylinder through over the ordinary pressure.

The other parts of the new machine pressure in the target of the new machine pressure. The weight of the piston is sufficient to produce this result, and to draw

Mr. Ericsson states that his ship will only

The construction of the Ericsson is not a machine, I have been very often stopped by a connectial enterprise—it is an experiment sunforces en difficulties; I have had apparent in science upon a gigantic scale, by the young tapossibilities as surmount, but I have never forward the above American giant. The hull of the ship, rebeen stopped through want of capital." This markable for the perfection of its model, is is the finest compliment that has ever been 250 feet in length, 40 feet breadth of beam, paid to the enterprising genus of Americans, and 27 feet depth of hold. Over the deet, and those who now may assume the greatest take the same; rise four funneis, 30 inches in diameter, and share of it are Messes. Retching & Stough-only 12 feet in height. Two of them serve ton. Victor Beaumont. - as chimneys—the other two serve to let age [New York Herald.] which seaves the regenerators. The which seaves the right and 10 feet in RAILROAD ACCIDENT - Son of Gen, Pierce KILLED - The noof train of Cars on the Bos-

Cylinder and Piston,-The cylinders are ton and Maine railroad was thrown from the Fight feet in diameter, and the passibility of casting larger ones without defects was doubtclassing larger ones without def casting larger ones without defects was doubt-the son and we believe only called of Gened. At present Messrs, Hogg & Delamater
Example Pierce, a lad 14 years of age, was
are prepared, at their own risk, to make them
of twenty feet dismeter. Another difficulty,
declared by many persons to be insusmountable, was that of preventing the pistons from
their son were returning home from Boston
where they had been to attend the funeral of
their wide, Anos Lawrence. Gen. P. escabecoming ho, a circumstance which would
be with slight braises, Mrs. F. was severely
conded by James Brown, Esq.

The Rev. Dr. Alley, in the Chair:
After prayer,
John Parmer, Esq., J. P., having been
appointed Secretary,
On motion of Thomas Moses, Esq., sedestroy the gent by preventing the pict of the property of the destroy the gent by preventing its being greas: injured, and she was compelled to witness cd. The pistons are hollow boxes, flat on the body of her son crushed before her eyes

OR RAILWAY AND COMMERCIAL RECORD.

E variis sumendum est optimum .- Cic.

No 4 SAINT ANDREWS, N. B., WEDNESDAY, JANUARY 26,

[Vol. 20

ly successful, the iron produced being just the kind required. - [Woodstock Sentinel SPIRIT KNOCKINGS.

The N.Y. Chamereral thus shows up the Spirit Rapping Juggle. It has been exposed often before, but never exactly effer this particular fashion. The toe-knockings our exactly effer this particular fashion. The toe-knockings of the members of the church to subscribe, as far as their means extend, to subscribe, as far as their ire of anthractic or coke, placed five feet, low-er. This distance has been adopted so that the bottom would not redden, and it has an-swered so well the purpose expected from it, that it is already supposed that the bottoms will be able, though in own act with the air to endute longer than four years, the average duration of steam boilers in the United

over at an angle of forty five degrees, and subsequently followed the operators to some

The table on which the young people ex-The table on which the young people experimented was a very small one. We presume that when the experiment has been a selection to his sume that when the experiment has been a relation to his manuar of the statement of Dr. Cook, of Wendell, in heal that he was entirely deprived of the

The moving of tables by an unseen power! The moving of tables by an unseen power than always been accounted a greater few than the production of sound. We have no doubt that the same agent can produce both effects. The imposture consists in the presence to supernatural intercommunications. We hope soon to hear that, the key being discovered, the whole imposition has come to an end.— N. Y. E. Express.

COMMUNICATION.

The Stop .- An essential, though not ap

Bisinop of the Diocese.

Dr. Alley baving left the chair, and Thoricans.

mas Moses, Esq. having been requested to

are due to Dr. Alley, for his conduct in the (Signed,) Sec'y. Campobello, Jan. 10, 1853.

DIOCESAN CHURCH SOCIETY. CAMPOBELLO, Monday, Jan. 10, 1853.

the body of her son crushed before her eyes to a pand concave beneath; their size at the log in agonies most fearful. She attempted to its six feet, but the cear only occupies the up class the body of her son in the wreck and labours of the Diocesan Church Society merit the transport of the pistons is filled by the body of her son in the wreck and labours of the Diocesan Church Society merit the thanks of this community at large, for the dead only occurred at similar intervals of the thanks of this community at large, for the seven days cach. We can say a word on the dead of the pistons is filled by the presence of mind of the passed to learn that the experit of done in advancing the interests of true to done in advancing the interests of the country series and mentions some instances in the true to do done in advancing the interests of the characteristic true to done in a cots at the Iron Works have proved entire- every possible manner.

From the New England Farmer. GREAT YIELD OF CARROTS.

few times repeated, the table will yield to the attractive force with more ready and wonderattractive force with more ready and wonderful agility. There can be fittle that it is magnetized, and if so each triak we believe will increase the power of attraction. This, we take it, solves the whole seeming mystery of the "spiritual" imposition which has been practised so long upon the credulous and superstitious.

He stated to me when sowing them that he carrol line is should do great things in the carrol line is statement in the Republic. We and therefore the total bindness of one eye, and the partial loss of the other, arose from the insensibility of the retinal caused by the our best towns for good land, by any means; on the contrary, we regard it as a rough, hilly town, with a good deal of poor land.

LUCIUS COOR'S STATEMENT.

and was three-fourths of an acre, and the tion of the separate impressions as to give the humber of bushels, or baskets, six hundred likeness which they composed.

The Rev. Dr. Alley having been requesting.

The Rev. Dr. Alley having been requesting to take the chair, and John Farmer, Esq which was much damaged by worms, and being appointed Secretary the moeting was afterwards set out to Ruta Bagas, which grew well and yielded a fine crop, but having no heat in store. The weight of the piston is sufficient to produce this result, and to draw well not be bottom of this cylinder. The construction of the first supply the small purmit; of the at all their proper position, the parts a second of the specific registration in the production of the common of the cylinder has a collapse feater of a passing feated in passing feater of a passing feater of a passing in the small purmit; of their of ships in has been deprived by the nit driver, off, and that less by-radiation from the hot sur- in the small purmit; of their of ships in the ships and that less by-radiation from the hot sure of the small purmit; of their of ships in the s

Resolved, that the thanks of this Meeting by the bushel, to feed horses, which are the by the bushel, to feed norses, which I sold the tons of them I have sold at from \$12 to \$15 per ton; at \$12 1 could sell them all any day, and the sum would amount to \$192. Add to this the sum would amount to \$192. Add to this of the World—Edited by ditto. of the World—Edited by ditto.

four dollars, a sum for which I sold the tops as they lay in the field, and four more dollars which I hope to get as premium, and the sum would amount to \$200. Deduct from By Thos. Wright, Esq. At a meeting of the Campobello Local this \$75 paid for labor, and \$25 more far Committee of the Diocesan Church Society the cost of seed and my own care and skill the cost of seed and my own care and skill the cost of seed and my continued the cost of seed and my continued the last being a charge I make from habit Hozarth's complete Works.

-and it will leave \$100 as the not income Shake pears, a beautiful illustrated edition, from three-fourths of an acre.

Wendell, Nov. 15, 1852.

On motion of Thomas Moses, Esq., sended by James Brown, Esq.

It was resolved:

That, in the opinion of this meeting, the fact that we have had a succession of rainy London Illustrated, or a complete Guide

If Subscribers remove to other placed signout informing the publisher, and the paper is sent to the former direction, they On motion of John Gregg, and seconded derable length of time. An extensive exami-by Mr. John Batson:

Resolved, that the tay delegates be in-ciple, or coincidence, prevailed to an unexstructed to call the attention of the Society pected extent in the return of stormy days, at the annual meeting to the appointment of in some cases for ten, twelfe, or even

LAW RESPECTING NEWSPAPERS

Subscribers who do not give express .no

tice to the contrary, are considered as wishing to containe their sub-esimious.

If Subscribers or der the discontinuance

of their papers, the publisher may bontinue

If Subscribers neglect or refuse to take

their papers from the office to which they are directed they are held responsible, till

they have settled their Bill, and ordered

heir papers to be discontinued.

o send them till all arrearages are paid

of last summer he met a person who had a peculiarity of vision of a very remarkable kind, and of which he believed there was no other example. This person by a fall from a optic nerves. The degree of vision which remained in one eye was such as to enable Y. E. Express.

Said carross were raised on we need that the rapid transference of his eye applicant now lives. The exact quantity of from one feature to another, such a combination of high and the rapid transference of his eye applicant now lives.

CAMPOBELLO CHURCH MEETING.

At a meeting of the Members of the Church in the Parish of Campobello, convened by the Rev. Dr. Alley, in compliance, with a requisition of the Lord Bishop of the Diocese, to take into consideration the expediency of the Bishop, Clergy, and Laity being empowered to hold Synods for the purpose of regulating to hold Synods for the purpose of regulating the Parish Church, on Monday the 10th of January, 1853:—

The Rev. Dr. Alley having there requesting the requestion of the Church, on Monday the 10th of January, 1851, the land was planted with corn, and the unmber of tons six teen. This number of tons was ascertained by weighing four or five loads on the hay scales, as they were drawn from the field, and dividing the sum of their words the butchman. Yes, dearest, it is your own wife, who—" You lie, you tevil of a gost, and dividing the sum of their words and finding them to average fifty pounds.

The land on which these carrots were raise their ecclesiastical affairs, and held in the Parish Church, on Monday the 10th of January, 1853:—

The Rev. Dr. Alley having there requesting the sum of the number of tons was ascertained by weight the potators on the hay scales, as they were drawn from the field, and dividing the sum of their words, and finding the number of tons was ascertained by weight the parts on the hay scales, as they were drawn from the half the until the polarity of the Dutchman. Yes, dearest, it is your own wife, who—" You lie, you tevil of a gost, interrupted Hantz, with a wife, who—" You lie, you tevil of a gost, and dividing the sum of their words sate than a secretained by weight the polarity on the half the parts of the Dutchman hobbled from the polarity of the Dutchman hobbled fr

The crop cal, political, commercial, and statistical As to the value of the carrots I have always believed them worth as much as outs,

As to the value of the carrots I have always believed them worth as much as outs, &c. with maps of each possession, and portrains of the celebrated promoters and fenders of our Colonial Empire-By R. M.

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